Sir:

Transmitted herewith for filing is the Patent Application of: Inventor(s): Janel G. Barfield, Matthew S. Cronk, Kevin L. Fought, and Johnny M. Shieh



Enclosed are:

- X Patent Specification and Declaration
- X Four sheets of drawing(s). (Formal)
- X An assignment of the invention to International Business Machines Corporation (includes Recordation Form Cover Sheet).

ASSIGNEE NAME: International Business Machines Corporation

ASSIGNEE RESIDENCE: Armonk, New York

- A certified copy of a utility application.
- ____ Information Disclosure Statement, PTO 1449 and copies of references.

The filing fee has been calculated as shown below:

| For | Number Filed | Number Extra | Rate | Fee |
|--|-----------------|-----------------|--------|------------------|
| Basic Fee | | | | \$ 710.00 |
| Total Claims | 20 - 20 | 0 | x 18 = | \$ 0.00 |
| Indep. Claims | 3 - 3 | 0 | x 80 = | \$ 0.00 |
| MULTIPLE DEPENDENT CLAIM PRESENTED x 260 = | | | | \$ 0.00 |
| | | | TOTAL | <u>\$ 710.00</u> |

- X Please charge my Deposit Account No. <u>09-0447</u> in the amount of \$<u>710.00</u>. A duplicate copy of this sheet is enclosed
- X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account <u>09-0447</u>. A duplicate copy of this sheet is enclosed.
 - X Any additional filing fees required under 37 CFR 1.16.
 - X Any patent application processing fees under 37 CFR 1.3

Respectfully submitted

Registration No.

Intellectual Property Law Dept.

IBM Corporation

11400 Burnet Road, Zip 4054

Austin, Texas 78758

Telephone (512) 823-1005

who plants for the street is to the present of the fleet of the control of the co